

**Get Started with Microsoft Copilot for Security (SC-5006)**

**Course Number:** MOC-SC-5006  
**Duration:** 1 day

**Overview**

This official Microsoft course, Get Started with Microsoft Copilot for Security training (SC-5006), teaches attendees to leverage AI to process security signals and respond to threats at machine speed, all while building an understanding of the underlying AI concepts.

**Prerequisites**

All students must have a working knowledge of:

* Security operations and incident response
* Microsoft security products and services

**Materials**

All Microsoft training students receive Microsoft official courseware.

For all Microsoft Official Courses taught in their entirety that have a corresponding certification exam, an exam voucher is included for each participant.

**Software Needed on Each Student PC**

Attendees will not need to install any software on their computers for this class. The class will be conducted in a remote environment that Accelebrate will provide; students will only need a local computer with a web browser and a stable Internet connection. Any recent version of Microsoft Edge, Mozilla Firefox, or Google Chrome will work well.

**Objectives**

* Explore how language models enable AI applications and services to generate original content based on natural language input
* Understand how generative AI enables the creation of copilots that can assist humans in creative tasks
* Implement AI responsibly to minimize the risk of harmful content generation
* Understand Microsoft Copilot for Security prompts
* Master the elements of an effective prompt and how to enable the solution
* Explore plugins and promptbooks
* Export and share information from Copilot
* Understand the scenarios supported by the Copilot embedded experience in Microsoft’s security solutions
* Explore use cases of Microsoft Copilot for Security in the standalone and embedded experiences

**Outline**

* Introduction
* Fundamental AI Concepts
  + Understand machine learning
  + Understand computer vision
  + Understand natural language processing
  + Understand document intelligence and knowledge mining
  + Understand generative AI
  + Challenges and risks with AI
  + Understand Responsible AI
* Fundamentals of Generative AI
  + What is generative AI?
  + What are language models?
  + Using language models
  + What are copilots?
  + Microsoft Copilot
  + Considerations for Copilot prompts
  + Extending and developing copilots
  + Explore Microsoft Copilot
* Fundamentals of Responsible Generative AI
  + Plan a responsible generative AI solution
  + Identify potential harms
  + Measure potential harms
  + Mitigate potential harms
  + Operate a responsible generative AI solution
  + Explore content filters in Azure OpenAI
* Describe Microsoft Copilot for Security
  + Get acquainted with Microsoft Copilot for Security
  + Describe Microsoft Copilot for Security terminology
  + Describe how Microsoft Copilot for Security processes prompt requests
  + Describe the elements of an effective prompt
  + Describe how to enable Microsoft Copilot for Security
* Describe the Core Features of Microsoft Copilot for Security
  + Describe the features available in the standalone experience of Microsoft Copilot for Security
  + Describe the features available in a session of the standalone experience
  + Describe the Microsoft plugins available in Microsoft Copilot for Security
  + Describe the non-Microsoft plugins supported by Microsoft Copilot for Security
  + Describe custom promptbooks
  + Describe knowledge base connections
* Describe the Embedded Experiences of Microsoft Copilot for Security
  + Describe Microsoft Copilot in Microsoft Defender XDR
  + Microsoft Copilot in Microsoft Purview
  + Microsoft Copilot in Microsoft Entra
  + Microsoft Copilot in Microsoft Intune
  + Microsoft Copilot in Microsoft Defender for Cloud (Preview)
* Explore Use Cases of Microsoft Copilot for Security
  + Explore the first run experience
  + Explore the standalone experience
  + Configure the Microsoft Sentinel plugin
  + Enable a custom plugin
  + Explore file uploads as a knowledge base
  + Create a custom promptbook
  + Explore the capabilities of Copilot in Microsoft Defender XDR
  + Explore the capabilities of Copilot in Microsoft Purview
* Conclusion